

ABSTRACT

It relates to a method for manufacturing microstructure using light hardenable material. It mainly includes the steps of (1) preparing step, (2) sputtering step, (3) UV light exposing step, and (4) mold removing step. By utilizing the sputtering principle and the UV light or the like to solidify a light hardenable material and then to form a microstructure with many small through holes or close ended recesses. It not only can manufacture the microstructure plate used on the ink jet printer, but also can apply to the microlens array, microlens, biotechnological chips, tiny structures of a battery, or other microstructure in the nano-technology industry.